



06-16-07

EXPRESS MAIL NO. EL852691935US

PTO/SB/21 (01-03)

Approved for use through 04/03/2003. OMB 0651-0 031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**(To be used for all correspondence  
after initial filing)

|                      |                          |
|----------------------|--------------------------|
| Application Number   | 09/640,041               |
| Filing Date          | August 15, 2000          |
| First Named Inventor | W. Michael Kavanaugh     |
| Group Art Unit       | 1644                     |
| Examiner Name        | Michail A. Belyavsky     |
| Attorney Docket No.  | 59516-135 / PP-01615.002 |

RECEIVED

JUN 19 2003


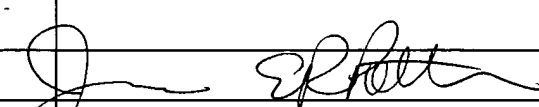
TECH CENTER 1600/2900

**ENCLOSURES (check all that apply)**

|  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement;<br><input checked="" type="checkbox"/> Cited References (3)<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Request for Corrected Filing Receipt<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address<br><input type="checkbox"/> Declaration<br><input type="checkbox"/> Statement under 37 CFR 3.73(b)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> Request for Refund | <input type="checkbox"/> CD(s), Number of CD(s)<br><input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input type="checkbox"/> Additional Enclosure(s) (please identify below): |
|--|--|---|

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                 |   |  |
|-----------------|---|--|
| Individual Name | Jane E. R. Potter, Registration No. 33,332  | <br><b>27476</b><br>PATENT TRADEMARK OFFICE |
| Signature       |  |  |
| Date            | June 12, 2003   |  |

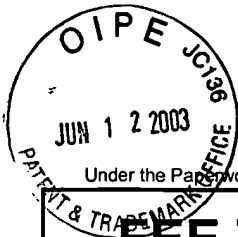
**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date specified below.

|                       |                       |       |
|-----------------------|-----------------------|-------|
| Typed or printed name |                       |       |
| Signature             | SENT VIA EXPRESS MAIL | Date: |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.



EXPRESS MAIL NO. EL852691935US

PTO/SB/17 (01-03)

Approved for use through 04/03/2003. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180

## Complete if Known

|                      |                          |
|----------------------|--------------------------|
| Application Number   | 09/640,041               |
| Filing Date          | August 15, 2000          |
| First Named Inventor | W. Michael Kavanaugh     |
| Examiner Name        | Michail A. Belyavskiy    |
| Art Unit             | 1644                     |
| Attorney Docket No.  | 59516-135 / PP-01615.002 |

RECEIVED

JUN 19 2003

TECH CENTER 1600/2900

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ None☒ Deposit Account:Deposit  
Account  
Number

04-0258

Deposit  
Account  
Name

Davis Wright Tremaine LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any deficiencies  
to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity |         | Small Entity |         | Fee Description        | Fee Paid |
|--------------|---------|--------------|---------|------------------------|----------|
| Fee Code     | Fee(\$) | Fee Code     | Fee(\$) |                        |          |
| 1001         | 750     | 2001         | 375     | Utility filing fee     |          |
| 1002         | 330     | 2002         | 165     | Design filing fee      |          |
| 1003         | 520     | 2003         | 260     | Plant filing fee       |          |
| 1004         | 750     | 2004         | 375     | Reissue filing fee     |          |
| 1005         | 160     | 2005         | 80      | Provisional filing fee |          |
| SUBTOTAL (1) |         |              |         |                        | (\$ 0    |

## 2. EXTRA CLAIM FEES

|                    |  |          | Extra<br>Claims | Fee<br>from<br>below | Fee<br>Paid |
|--------------------|--|----------|-----------------|----------------------|-------------|
| Total Claims       |  | - 20** = |                 | x                    |             |
| Independent Claims |  | - 3** =  |                 | x                    |             |
| Multiple Dependent |  |          |                 |                      |             |

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |
| 1201         | 84       | 2201         | 42       | Independent claims in excess of 3                          |
| 1203         | 280      | 2203         | 140      | Multiple dependent claim, if not paid                      |
| 1204         | 84       | 2204         | 42       | ** Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$ 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large Entity |          | Small    |          | Fee Description  | Fee Paid |
|--------------|----------|----------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code | Fee (\$) |  |          |
| 1051         | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1052         | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053         | 130      | 1053     | 130      | Non-English specification  |          |
| 1812         | 2,520    | 1812     | 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804         | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110      | 2251     | 55       | Extension for reply within first month                                     |          |
| 1252         | 410      | 2252     | 205      | Extension for reply within second month                                    |          |
| 1253         | 930      | 2253     | 465      | Extension for reply within third month                                     |          |
| 1254         | 1,450    | 2254     | 725      | Extension for reply within fourth month                                    |          |
| 1255         | 1,970    | 2255     | 985      | Extension for reply within fifth month                                     |          |
| 1401         | 320      | 2401     | 160      | Notice of Appeal   |          |
| 1402         | 320      | 2402     | 160      | Filing a brief in support of an appeal                                     |          |
| 1403         | 280      | 2403     | 140      | Request for oral hearing   |          |
| 1451         | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110      | 2452     | 55       | Petition to revive - unavoidable   |          |
| 1453         | 1,300    | 2453     | 650      | Petition to revive - unintentional   |          |
| 1501         | 1,300    | 2501     | 650      | Utility issue fee (or reissue)   |          |
| 1502         | 470      | 2502     | 235      | Design issue fee   |          |
| 1503         | 630      | 2503     | 315      | Plant issue fee  |          |
| 1460         | 130      | 1460     | 130      | Petitions to the Commissioner  |          |
| 1807         | 50       | 1807     | 50       | Petitions related to provisional applications                              |          |
| 1806         | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                  | 180      |
| 8021         | 40       | 8021     | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809         | 750      | 2809     | 375      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810         | 750      | 2810     | 375      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801         | 750      | 2801     | 375      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900      | 1802     | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 180

## SUBMITTED BY

Name (Print/Type) Jane E. R. Potter

Registration No.  
Attorney/Agent) 33,332

Signature

Date June 12, 2003



27476

PATENT TRADEMARK OFFICE

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.